

**To:** Laurel Rognstad[Laurel.Rognstad@tn.gov]; Wilson, Scott[Wilson.Js@epa.gov]; Jordan, Ronald[Jordan.Ronald@epa.gov]; Shell, Karrie-Jo[Shell.Karrie-Jo@epa.gov]; Ramach, Sean[Ramach.Sean@epa.gov]; Pickrel, Jan[Pickrel.Jan@epa.gov]  
**From:** Balentine, Joshua  
**Sent:** Tue 4/3/2018 3:24:04 PM  
**Subject:** RE: Steam Electric Power Generation  
**MAIL\_RECEIVED:** Tue 4/3/2018 3:24:12 PM

Scott,

Listed below is the data compiled by **TVA** from the Source water in the first 5 columns, and the final column is the sampling data from the effluent. Please note these were all grabs samples. The composite sample from the effluent was copper (0.00228 mg/L) and nickel (0.00287 mg/L).

	Source Water Line B	Source Water Line A	Source Water Line B	Source Water Line A	Source Water Line B	Monitoring Point 001 Grab
	<u>3/12/2018</u>	<u>3/13/2018</u>	<u>3/14/2018</u>	<u>3/15/2018</u>	<u>3/16/2018</u>	<u>10/24/2017</u>
Total Copper	0.00103mg/L	0.0005mg/L	<0.0005mg/L	<0.0005mg/L	<0.0005mg/L	0.00353mg/L
Total Nickel	0.000949mg/L	0.0014mg/L	0.0010mg/L	0.000912mg/L	0.000919mg/L	0.00303mg/L

I am in the process of getting an update from **TVA**, that includes all of the MSDS for cooling tower chemicals. But I have a list or chemicals used:

- Sodium Hypochlorite
- CleanBlade GTC1000

Joshua Balentine

**Industrial Monitoring Manager**

City of Memphis

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**From:** Laurel Rognstad [mailto:[Laurel.Rognstad@tn.gov](mailto:Laurel.Rognstad@tn.gov)]

**Sent:** Tuesday, April 03, 2018 8:50 AM

**To:** Wilson, Scott; Jordan, Ronald; Shell, Karrie-Jo; Ramach, Sean; Pickrel, Jan; Balentine, Joshua

**Subject:** RE: Steam Electric Power Generation

Hi Scott,

Thank you for looking into this. I've added Joshua Balentine, Memphis's Industrial Monitoring Manager, to this email. He should be able to answer your questions much better than I can.



Laurel Rognstad | State Pretreatment Coordinator

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